



FEMA DFIRM Production Tools

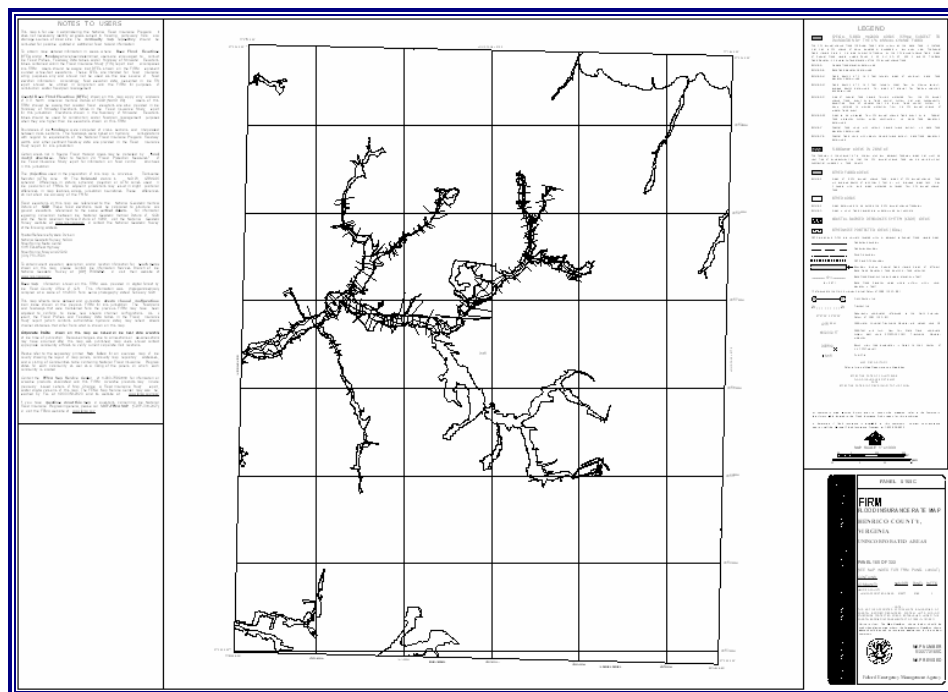





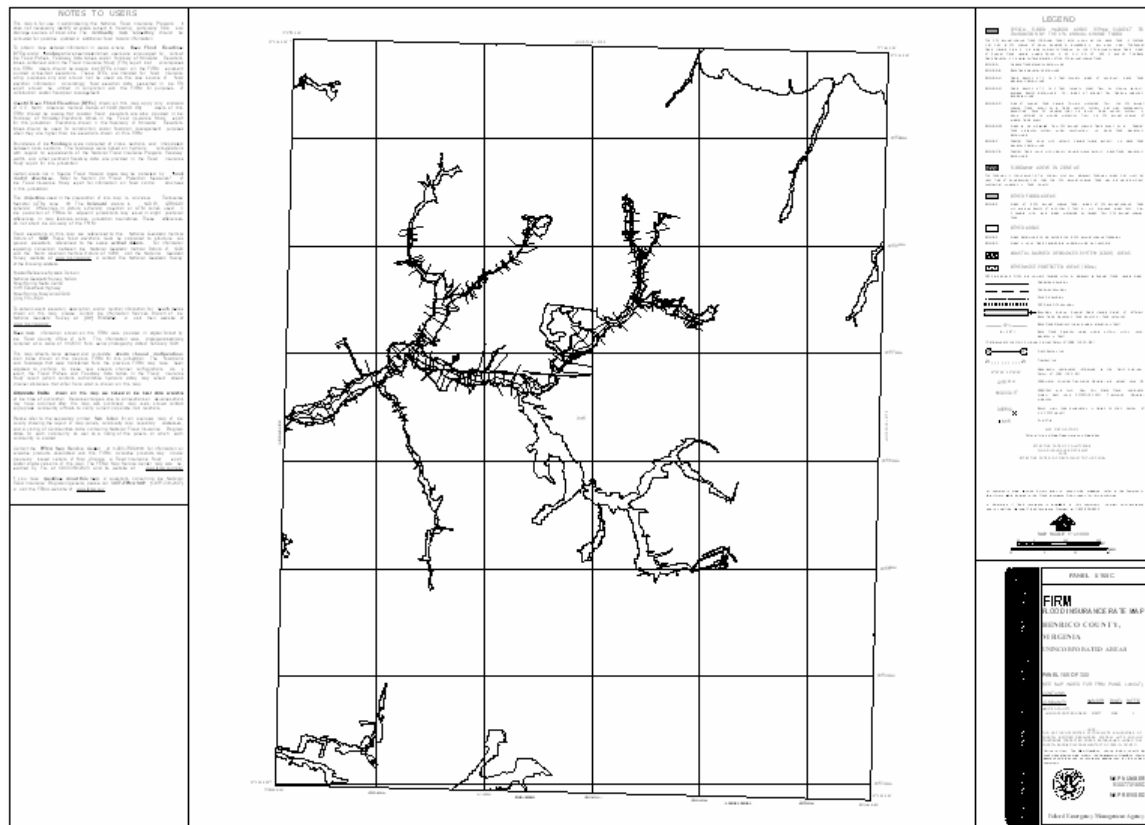


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What is Map Production Pro?

Map Production Pro is a tool that automates production of DFIRM and LOMR panels once a DFIRM database has been completed. This tool will render all features on the selected panel, load the appropriate annotation layers, and automatically generate tables needed for the DFIRM index. There are several options that are available to users, allowing for the customization of the layout according to the characteristics of the panel. These panel elements meet FEMA's FIRM layout standards, which are described in FEMA's April 2003 *Guidelines and Specifications for Flood Hazard Mapping Partners Appendix K: Format and Specifications for Flood Insurance Rate Maps*.



Map Production Pro Overview

The Map Production Pro user guide contains useful information that will help guide you through using the tool. The key sections of this guide are:

- Quick user reference guide (p. 4)
- Descriptions of tools and how to use them (p. 5)
- Support/contact information (p. 9)

Quick Reference Guide

The following is a quick reference guide to all of the components of **Map Production Pro**. You can prepare DFIRM or LOMR panels for printing.

Create a **DFIRM** panel

Select panel for printing

If applicable, add a
CBRS note to the
DFIRM Layout

Choose the logo style

The screenshot shows the 'Map Production' window with the 'DFIRM' tab selected. The 'Panel' list on the left has '0125' selected. The 'Frame Style' section has 'New Style Title Block' selected. The 'Initial Countywide Effective Date' section has 'Include Countywide Initial Effective Date' checked and the date '1/30/2005' set. The 'Base Map Note' section has 'Base Map Note Available' checked. The 'Date' section has 'Effective Date' selected. The 'Logo Style' section has 'DHS' selected.

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The Frame Style and
Frame Size are set for
the DFIRM panel and
cannot be modified.

If applicable, you can
add the initial
countywide date to the
legend.

View, add, or edit the
base map note for the
DFIRM panels.

Choose the date
description that should
appear on the DFIRM.

Create a **LOMR** panel

Select panel(s) for
printing

If applicable, add a
CBRS note to the LOMR
Layout

If the panel will be full-
sized, you can add a
Legend note

Choose the logo style

The screenshot shows the 'Map Production' window with the 'LOMR' tab selected. The 'Panel' list on the left has '0125' selected. The 'Frame Style' section has 'Old Style Title Block' selected. The 'Frame Size' section has 'Full Panel Frame' selected. The 'Page Orientation' section has 'Landscape' selected. The 'Date' section has 'Effective Date' selected. The 'Logo Style' section has 'DHS' selected. The 'Include Additional Elements' section has 'CBRS Note' and 'Legend Note' checked.

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tools

Choose the title block
style

Choose the frame size.

Set the page orientation
and choose the date
description that should
appear on the LOMR.

Tool Controls

Now that you are ready to print DFIRM panels, you will need to know how to create them using Map Production Pro.

Map Production Pro Toolbar



The Map Production Pro Toolbar has a single icon. When you select it, the Map Production Pro interface will open, displaying the tools and options available for printing DFIRM and LOMR FIRM panels.

Map Production Pro Tools



Create Layout

View the FIRM panel layout. The layout will be generated for the selected panel and the view will be switched to “Layout.”

Note: Hide any suppressed text before printing the panel. Turn off the annotation layer in the table of contents that ends with the **_SUP** suffix.



Clear Graphics

After previewing a panel remove all graphics from the layout page before previewing another panel.



Print to PDF

Print the selected panel to PDF. The panel will be printed with the following naming conventions

For LOMRs: L(CID)_(Panel#).pdf = **L06063C_0225.pdf**

For DFIRMs: D(CID)_(Panel#).pdf = **D06063C_0225.pdf**

Use the [PDF Export](#) tool to download the PDF to your local drive for printing or archiving. Refer to page 8 of this user guide for more information on this tool.

Note: Hide any suppressed text before printing the panel. Turn off the annotation layer in the table of contents that ends with the **_SUP** suffix.



Cancel

Cancel out of Map Production Pro.

Map Production Pro Interface Sections

A brief description of each of the sections contained in the Map Production Pro interface is provided below. The options, in each section, may vary between the DFIRM and LOMR tab.

Panel

Select a panel number from the list. You can choose to view the Printed Panels only or All Panels in the FIRM Panel Index.

Include Additional Elements

DFIRM panel

LOMR panel

CBRS Note

If the map panel is in a location for which a Coastal Barriers Resource (CBRS) note would be appropriate, check the box. The note will be added to the Title Block, in the location indicated by the red horizontal line shown in the icon next to the CBRS Note checkbox.

Legend Note

This option is available only when you are creating a full size LOMR panel with the Old Style frame.

Logo Style



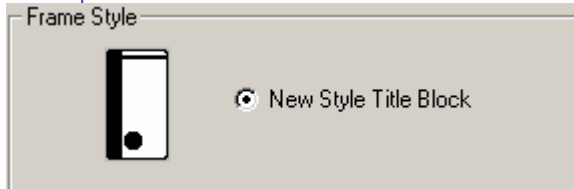
Choose to display the DHS or FEMA logo in the Title Block.

Guidelines:

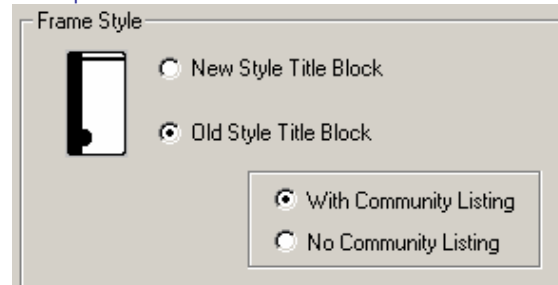
- For a LOMR, use the same logo on the new map that appears on the old.
- If only part of the DFIRM is being republished, use the same logo on the new map that appears on the old.
- If this is a new DFIRM, use the DHS logo.

Frame Style

DFIRM panel



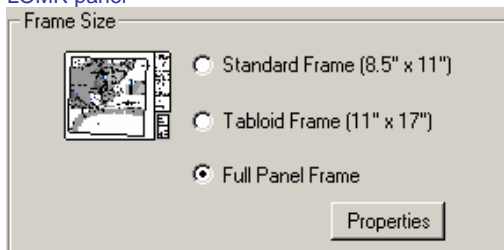
LOMR panel



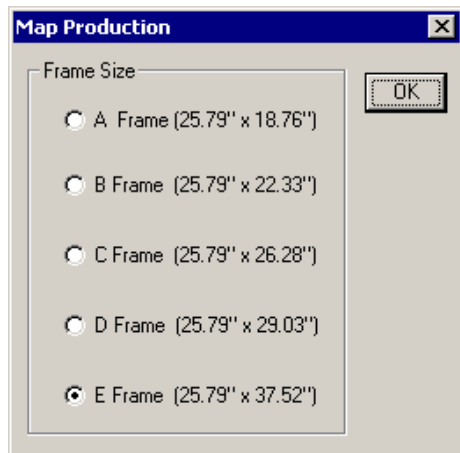
The frame style for DFIRM panels is set and cannot be modified. For LOMR panels, you can use the New Style Title Block or the Old Style. The New Style will always include a community listing. If you are printing the LOMR at full size and use an Old Style title block, you should show the community listing for a countywide and omit it for a single jurisdiction.

Frame Size

LOMR panel

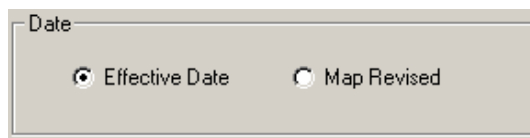


The frame size for DFIRM panels is set and cannot be modified. There are several options for printing LOMR panels. If you choose to print a Full Panel Frame, you will have additional options for page dimensions. Click on the **Properties** button to select the dimensions.



LOMR panel frame size options available

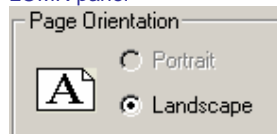
Date



Select to show the Effective Date or the Map Revised date.

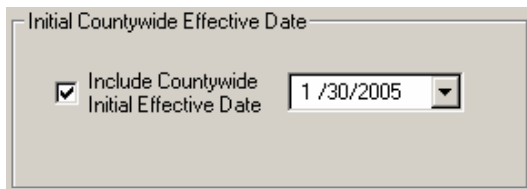
Page Orientation

LOMR panel



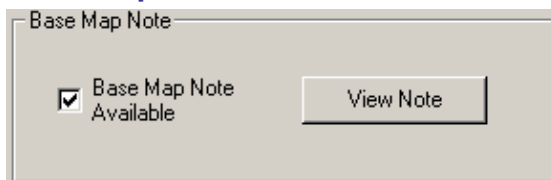
Select a Portrait or Landscape orientation for a LOMR panel. DFIRMs are printed in landscape orientation only.

Initial Countywide Date

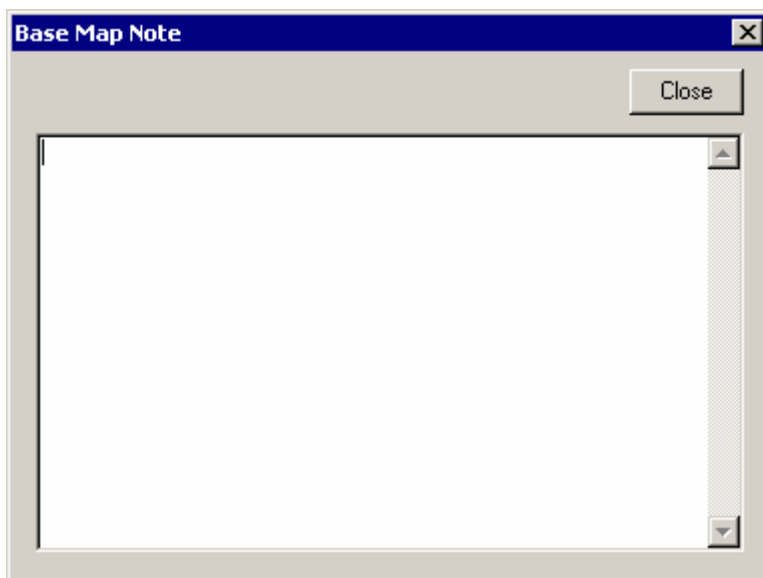
A small dialog box titled "Initial Countywide Effective Date". It contains a checked checkbox labeled "Include Countywide Initial Effective Date" and a date field showing "1 /30/2005" with a dropdown arrow.

Select to show the initial countywide date on the DFIRM panel. This option will only be available for countywide studies. Upon checking this box, if there is a date in the corresponding table, it will be displayed for the user, who can then edit it if necessary. Once the user previews a panel, any changes made in the date window will be committed to the appropriate table in the geodatabase.

Base Map Note

A small dialog box titled "Base Map Note". It contains a checked checkbox labeled "Base Map Note Available" and a button labeled "View Note".

This will allow the user to view, add, or update the base map note for the panel. This option only appears on the DFIRM tab. When the user clicks on the "View Note" button, the following dialog appears:

A larger window titled "Base Map Note" with a close button in the top right corner. The main area is a large empty text box with a vertical scrollbar on the right side.

Upon selecting [View Note](#), if there is a base map note in the corresponding table, it will be displayed for the user, who can then edit it if necessary. Once the user previews a panel, any changes made in the base map note window will be committed to the appropriate table in the geodatabase.

If working on a LOMR, the user will have to switch to the DFIRM tab to enter/edit base map note information.

PDF Export Toolbar



Once you have printed your selected panels to PDF, you can retrieve and save them to a local drive or server using the PDF Export Tool. You can print the PDF work maps to your local plotter, share them electronically, or store them in an archive.



PDF Export

Allows users to download single or multiple PDF files. Use this tool after printing panels to PDF using Map Production Pro's [Print](#) feature.

Trouble – Shooting

Problem: Features appear outside of the map frame in Layout view.

Solution: Make sure that the FIRM PANEL feature class is turned on in the table of contents – these features act as a mask, covering all features outside of the panel that you have selected.

Contacts

If you need assistance with this tool, please contact the representative at your local RMC.

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